UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

29177

7590

12/29/2006

BELL, BOYD & LLOYD, LLC P. O. BOX 1135 CHICAGO, IL 60690-1135 EXAMINER

TSE, YOUNG TOI

ART UNIT PAPER NUMBER

2611 DATE MAILED: 12/29/2006

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/936,670      | 01/02/2002  | Fritz-Joerg Dauth    | 112740-321          | 9131             |

TITLE OF INVENTION: METHOD AND APPARATUS FOR AUTOMAMATICALLY PRODUCING CLOCK SIGNALS FOR SAMPLING DATA SIGNALS AT DIFFERENT DATA RATES VIA A PHASE LOCKED LOOP

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO           | \$1400        | \$0                 | \$0                  | \$1400           | 03/29/2007 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents

P.O. Box 1450 Alexandria, Virginia 22313-1450 or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| maintenance fee notifical CURRENT CORRESPONDI   |  | ock 1 for any change of address)   | Fe<br>pa  | e(s) Transmittal. Th<br>pers. Each additions   | is certii<br>il paper                               | ficate cannot be used to  | domestic mailings of the<br>r any other accompanying<br>t or formal drawing, must  |
|---|--|--|---|--|---|---|--|
| BELL, BOYD<br>P. O. BOX 1135<br>CHICAGO, IL 6   |  | /2006  | I ł<br>Sti<br>ad<br>tra   | Cereby certify that that expose to the Mainsmitted to the USP  | tificate<br>is Fee(<br>vith suf<br>I Stop<br>TO (57 | e of Mailing or Transn<br>s) Transmittal is being<br>fficient postage for first<br>ISSUE FEE address<br>1) 273-2885, on the da        | nission deposited with the United class mail in an envelope above, or being facsimile te indicated below.                            |
|   |  |  |   |  |   |   | (Depositor's name)   |
|   |  |  | <u> </u>  |  |   |   | (Signature)  |
|   |  |  |   |  |   | <u>-</u> -  | (Date)   |
| APPLICATION NO.   | FILING DATE  |  | FIRST NAMED INVENTO   | R  | ATTO  | RNEY DOCKET NO.   | CONFIRMATION NO.   |
| 09/936,670<br>TITLE OF INVENTION<br>SIGNALS AT DIFFERE  | 01/02/2002<br>N: METHOD AND AP<br>INT DATA RATES VIA   | PARATUS FOR AUTO<br>A PHASE LOCKED LO  | Fritz-Joerg Dauth<br>DMAMATICALLY PRO<br>DOP  | DUCING CLOCK   | SIGNA   | 112740-321<br>ALS FOR SAMPLING  | 9131<br>G DATA   |
| APPLN. TYPE   | SMALL ENTITY   | ISSUE FEE DUE  | PUBLICATION FEE DUE   | PREV. PAID ISSU  | E FEE   | TOTAL FEE(S) DUE  | DATE DUE   |
| nonprovisional  | NO   | \$1400   | \$0   | \$0  |   | \$1400  | 03/29/2007   |
| EXAM  | IINER  | ART UNIT   | CLASS-SUBCLASS  |  |   |   |  |
| TSE, YOU  | UNG TOI  | 2611   | 375-376000  |  |   |   |  |
| Address form PTO/SI  "Fee Address" ind PTO/SB/47; Rev 03-( Number is required.  3. ASSIGNEE NAME A  | ondence address (or Cha<br>B/122) attached.<br>lication (or "Fee Address'<br>)2 or more recent) attach | " Indication form led. Use of a Customer  A TO BE PRINTED ON   | 2. For printing on the (1) the names of up or agents OR, alterna (2) the name of a sin registered attorney oi 2 registered patent at listed, no name will b | to 3 registered pater<br>tively,<br>gle firm (having as a<br>agent) and the nam<br>corneys or agents. If<br>e printed. | nt attorn<br>a memb<br>nes of u<br>no nan           | per a 2<br>up to<br>ne is 3   |  |
| (A) NAME OF ASSIG   | GNEE   | ified below, no assignee pletion of this form is NO  | (B) RESIDENCE: (CIT   | Y and STATE OR (   | COUNT   | ΓRY)  | cument has been filed for up entity Government   |
| 4a. The following fee(s)  Issue Fee  Publication Fee (N   |  | 4<br>permitted)  | b. Payment of Fee(s): (PI A check is enclosed Payment by credit c   | ard. Form PTO-203<br>by authorized to cha  | 8 is atta   | ached. required fee(s), any def   |  |
| 5. Change in Entity Sta  a. Applicant claim  NOTE: The Issue Fee an   | is SMALL ENTITY statt  | us. See 37 CFR 1.27.   |   |  |   | TITY status. See 37 CF attorney or agent; or th   | R 1.27(g)(2). e assignee or other party in   |
| interest as shown by the  | records of the United Sta  | ites Patent and Trademark  | k Office.   |  |   |   |  |
| Authorized Signature  |  |  |   | Date   | <del>.</del>  |   |  |
| • • •   | ıe   | Registration No.   |   |  |   |   |  |
| This collection of inform<br>an application. Confiden<br>submitting the complete<br>this form and/or suggest<br>Box 1450, Alexandria, V<br>Alexandria, Virginia 223 | diality is governed by 35 d application form to the ions for reducing this bu /irginia 22313-1450. DC  | CFR 1.311. The informati<br>U.S.C. 122 and 37 CFR<br>USPTO. Time will var<br>rden, should be sent to to<br>DNOT SEND FEES OR | on is required to obtain o<br>1.14. This collection is of<br>y depending upon the inc<br>e Chief Information Offi<br>COMPLETED FORMS                        | r retain a benefit by<br>estimated to take 12<br>lividual case. Any c<br>cer, U.S. Patent and<br>TO THIS ADDRES        | the pub<br>minute<br>ommen<br>Trader<br>S. SEN      | olic which is to file (and<br>is to complete, includin<br>its on the amount of tin<br>mark Office, U.S. Depa<br>ID TO: Commissioner i | by the USPTO to process) g gathering, preparing, and ne you require to complete urtment of Commerce, P.O. or Patents, P.O. Box 1450, |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. | FI        | LING DATE  | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.    | CONFIRMATION NO. |  |  |
|-----------------|-----------|------------|----------------------|------------------------|------------------|--|--|
| 09/936,670      | •         | 01/02/2002 | Fritz-Joerg Dauth    | 112740-321             | 9131             |  |  |
| 29177           | 7590      | 12/29/2006 |                      | EXAM                   | EXAMINER         |  |  |
| BELL, BOYE      |           |            |                      | TSE, YOUNG TOI         |                  |  |  |
| P. O. BOX 113   |           | ,          |                      | ART UNIT               | PAPER NUMBER     |  |  |
| CHICAGO, IL     | 60690-113 | 55         |                      | 2611                   | -                |  |  |
|                 |           |            |                      | DATE MAILED: 12/29/200 | 6                |  |  |

# Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.